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U.S. Application Serial No. 09/602,727

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IN THE SPECIFICATION:

Please amend the paragraph beginning at page 1, line 5, as follows:

a1
This application is related to application serial number 09/603,545 entitled Method and Apparatus For Distributing Processing Load For Decoding Paging Messages In A Radio Communication System, Motorola case number CS-10463, filed on even date herewith and commonly assigned to the assignee of the present application.

Please amend the paragraph beginning at page 6, line 1, as follows:

a2
In a typical application such as a cellular telephone or UMTS system, the paging channel is the vehicle for communicating with mobile stations when they are not assigned to a traffic channel. As the name implies, its primary purpose is to convey pages, that is, notifications of incoming calls, to the mobile stations. The paging channel carries the responses to mobile station accesses, both page responses and unsolicited originations. Successful accesses are normally followed by an assignment to a dedicated traffic channel. Once on a traffic channel, signaling traffic between base and mobile can continue interspersed with the user traffic. Thus, the paging channel in such as system forms an alert communication.

Please amend the paragraph beginning at page 7, line 8, as follows:

a3
The first radio circuit 120 and the second radio circuit 122 together in the illustrated embodiment form a radio means for receiving radio communication. The first radio circuit 120 is configurable for two-way radio communication with one or more remote radios such as base stations 102, 104. The first radio circuit may be so configured by providing operating power and tuning the receiver 126 and the transmitter 132 to appropriate communication frequencies and receiving and transmitting according to the controlling air interface standard. Similarly, the local radio circuit 122 is configurable for low power radio communication

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a3
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with other members of a local group such as the group including mobile stations 108, 110, 112.

✓
Please amend the paragraph beginning at page 10, line 21, as follows:

a4

While FIG. 3 shows the assigned mobile station 304 in the approximate center of the group 300, this is for convenience only. The members of the group 300 may be distributed over any appropriate distance limited only by reliable radio transmission and reception. The members of the group 300 may be in separate rooms or on separate floors of a building.

✓
Please amend the paragraph beginning at page 11, line 3, as follows:

a5

The first mobile station 304 determines an intended recipient of the downlink radio transmission. This is accomplished, for example, by demodulating and decoding the downlink transmission 302 and reading the data embedded in the downlink 302. The embedded data define a recipient for the downlink 302. The recipient may be defined by an embedded mobile identification number corresponding to the recipient, data in the paging channel or in a voice channel, or by any other suitable method.

✓
Please amend the paragraph beginning at page 12, line 13, as follows:

a6

All but one mobile stations are not the assigned station. As is the case with the assigned mobile station, the non-assigned mobile stations share identification information with other radios of the local group of radios. Subsequently, such a non-assigned radio receives information about a received paging channel or other downlink transmission intended for the non-assigned radio from the one radio which has been assigned by the local group for receiving paging channels and other downlink transmissions for all radios of the local group.